2.11 Gravitational Field Strength on Other Planets.notebook





Step 2: Use Newton's Second Law to work out the objects weight.

$$W = \overline{F_g} = mg = \boxed{3.57m}$$

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The field strength on Earth is also not fixed; it depends on two factors:

- 1. Altitude: How high above the surface of the Earth an object is placed.
- 2. Latitude: A measure of North and South of the equator.

Why would latitude effect field strength?

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